WHAT IS CLAIMED IS:

1. A portable automatic insulin syringe device adapted to enable an injection of liquid medicine for a prolonged time, comprising a syringe pump having a pump housing, comprising:

a blood sugar measuring unit mounted at one side of the pump housing and adapted to measure a blood sugar level of a user;

a control unit for controlling the blood sugar measuring unit and the syringe pump; and

a display unit for simultaneously displaying the quantity of insulin dispensed to a user and the blood sugar level measured by the blood sugar measuring unit.

2. The portable automatic insulin syringe device according to claim 1, wherein the blood sugar measuring unit comprises:

a housing having a lamp hole and an insert hole;

a control panel adapted to control a measuring lamp and to convert a measured value from the measuring lamp into a signal capable of being recognized by the control unit;

the measuring lamp received in the lamp hole while being outwardly exposed through the lamp hole;

a measuring probe fitted in the insert hole; and

a fitting protrusion member mounted to the housing in a spring-loaded state and adapted to maintain the measuring probe

in a fitted state thereof.

3. The portable automatic insulin syringe device according to claim 1, wherein the blood sugar measuring unit is mounted to one side wall of the pump housing.